120

QC6- Inspect dimensions to drawing

QC

Memo

Quality Control

Inspect dimensions 12" x 1/8" thick

100

										DQA:	Date:		
NCR:	Yes	/ No				WORK ORDER NON-C	CONFOR	MANCE / UP		QA Closed:	Date:	a	
Work Order:						DISPOSITION			AGAINST DE	PARTMENT	/PROCESS		
Part No						Rework Scrap Use-as-is Work Order Update	Ther	Skid-tube Machining mcforming Large Fab	Crosstube Small Fab Finishing Composite	Water Jet Engineeri Prod. Eng. Coor. Quali Rec/Store/Packaging Oth Supplier			
Root					Descri	ption of work order update	Initial	Ad	tion	Sign &			
Cause		Date	Step	Qty	,	or Non-conformance	Chief Eng	Desc	cription	Date	Verification	QC Inspector	
Doc/Data													
Equip/Tooling													
Operator													
Material													
Setup													
Other	П										-		
Process	П												
Supplier		,	,		•								

			FAU	LT CATEGORY		
Landin	g Gear	General				
	Bending	Bend		Grain	Ovalized	Pressure/Forced
[Centre Not Concentric to O/S	BOM/Route		Hardware	Over/Under tolerance	Temperature/Cure
	Cracks	Broken/Damaged		Inspection Incomplete	Part Incorrect	Weld
	Crushed/Crimped,	Burrs		Instructions Incomplete/Unclear	Part Lost/Missing	Wrong Stock Pulled
	Cuffs	Contamination		Maintenance	Part Moved	-
	Heat Treat	Countersink		Mislabeled	Positioned Wrong	
	Inspection Strip in Tube	Cut Too Short		Misread	Power Loss/Surge	Other
	Ripples in Bend	Drill Holes		Offset	 _	
	Torque Waves in Extrusion	Drawing		Out of Calibration		
	Turning Sequence	Finish		Out of Sequence		
Γ	Wave/Twist in Tube	Folio		Outside Dimensions		

Training Unapproved

Work Ord December-19-1		² M		*946	372*						Page 2
Item ID: Revision ID: Item Name:	D3195	er Neoprene Rubber 1/8" th		Accept	*N900	040	100)* s	etup Stai	1 71	S1* S2*
Start Date: Required Date Reference:	12/19/12 :: 1/11/13	Start Qty: 100.00 Req'd Qty: 100.00		100* 100*	Cust Item I Customer:	D:					
Approvals:		lan:	Date:			ite:		R	tun Star Sto	" \	R1* R2*
Sequence ID/ Work Center 130 *130* Packaging Packaging	ID	Operation Description Identify as per dwg & Sto		Set Up/ Run Hours 0.00 052 0.00	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp JM13-2-1
Tavitaging										j) (

0.00

0.00

QC21- Final Inspection - Work Order Release

Memo

140

*14**0***

Quality Control

13/2/20 \$

											DQA:	Date:	•
NCR:	Yes	/ No				WORK ORDER NON-O	100	NFORM	MANCE / UPD	ATE	•		.4
	_										QA Closed:	Date:	
Work Ord	er.					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
Part I	No.					Rework Scrap Use-as-is Work Order Update		Therm	Skid-tube Machining noforming Large Fab	Crosstube Small Fab Finishing Composite		Water Jet d. Eng. Coor. re/Packaging Supplier	Engineering Quality Other
Root					Descri	ption of work order update		Initial	Acti	on	Sign &		[
Cause		Date	Step	Qty	(or Non-conformance	Ch	nief Eng	Descri	ption	Date	Verification	QC Inspector
Doc/Data Equip/Tooling Operator Material Setup Other Process Supplier Training Unapproved													
						i ii	AUL	LT CATE	GORY				
Landi		Gear Bending Centre No Cracks Crushed/ Cuffs Heat Trea	Crimped. at		o/s	General Bend BOM/Route Broken/Damaged Burrs Contamination Countersink Cut Too Short		-	on Incomplete ions Incomplete/U nance led	nclear	Ovalized Over/Under Part Incorre Part Lost/M Part Moved Positioned V	ct issing Vrong	Pressure/Forced Temperature/Cure Weld Wrong Stock Pulled Other
		Ripples in	Bend			Drill Holes		Offset					

Out of Calibration
Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Torque Waves in Extrusion

Drawing

Finish Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G

Picklist Print

December-19-12 2:24:05 PM

Work Order ID:

94672

Parent Item:

D3195

Parent Item Name:

60 Durometer Neoprene Rubber 1/8" thick

Start Date: 12/19/12

Required Date: 1/11/13

Start Qty: 100.00

Required Qty: 100.00

Comments:

IPP: A 03.10.17New issueKJ/RF

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status	
D3195P		Purchased	No			100	Each	0.0000	1	100		12/	1.2	_
Neoprene 1/8" thick											19	3/1	/-/-5-(/

Page 1

											DQA:	Date:	
NCR:	Yes	/ No				WORK ORDER NON-O	100	NFORI\	ANCE / UP	DATE			u
											QA Closed:	Date:	
Work Orde	or.					DISPOSITION				AGAINST DE	PARTMENT	/PROCESS	
vvoik Oluk						Rework	1		Skid-tube	Crosstube]	Water Jet	Engineering
Part I	۷o.					Scrap			Machining	Small Fab	Pro	d. Eng. Coor.	Quality
	•					Use-as-is	1		noforming	Finishing	•	re/Packaging	Other
NCR I	۷o. ِ					Work Order Update]		Large Fab	Composite		Supplier	
										. •	l c: 0	T	T
Root		5	C .	<u>.</u>		ption of work order update	1	nitial		tion	Sign &	Marification	061
Cause	\dashv	Date	Step	Qty		or Non-conformance	Ch	ief Eng	Desci	ription	Date	Verification	QC Inspector
Doc/Data	Н								I		:		
Equip/Tooling	\dashv								I				
Operator	\dashv								İ				
Material	\dashv												ļ
Setup	$\vdash \vdash$						1	Ì	}				
Other	\vdash			<u>'</u>					}				
Process	$\vdash\dashv$												
Supplier	$\vdash \vdash$												
Training	Н												
Unapproved	Ш		<u> </u>	<u> </u>			<u> </u>	T CATE	CORV				
Landi	ng G	iear				General	AUL	.I CAIL	<u> </u>				
	$\overline{}$	Bending				Bend	Г	Grain			Ovalized		Pressure/Forced
	\vdash	Centre No	ot Concer	ntric to (o/s	BOM/Route		Hardwa	re		Over/Under	tolerance	Temperature/Cure
	\vdash	Cracks	•			Broken/Damaged			on Incomplete		Part Incorre		Weld
	$\boldsymbol{\vdash}$	Crushed/	Crimped.		<u> </u>	Burrs		4	ioris Incomplete/	Unclear	Part Lost/M	├	Wrong Stock Pulled
	${f -}$	Cuffs	F			Contamination		Mainte			Part Moved		_
		Heat Trea	t			Countersink	\vdash	Mislabe		-	Positioned '		
	-	Inspection		Tube		Cut Too Short		Misread			Power Loss		Other

Offset

Out of Calibration

Out of Sequence

Outside Dimensions

Turning Sequence

Wave/Twist in Tube

Ripples in Bend

Torque Waves in Extrusion

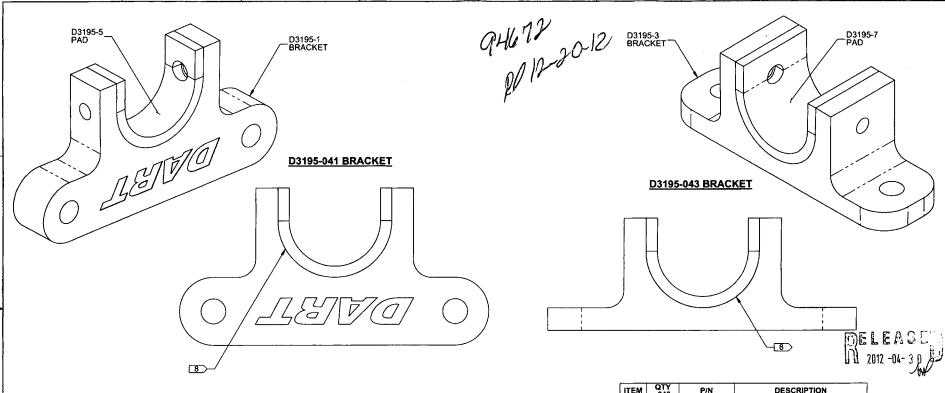
Drill Holes

Drawing

Finish

Folio

H:/FORMS/Quality Assurance\approved QA/NCRWO Rev G



5

ITEM	QTY -041	P/N	DESCRIPTION
	Х	D3195-041	BRACKET
1	1	D3195-1	BRACKET
2	1	D3195-5	PAD

ITEM	-043	P/N	DESCRIPTION
	Х	D3195-043	BRACKET
1	1	D3195-3	BRACKET
2	1	D3195-7	PAD

8	- ADDE0	ED DRAWING 0 NOTE 8, SHE 5 & D3195-7 DI 13-3) AR11-130	FORMAT. ET 1. MENSIONS EXTENSIVELY REVISED	RP	12.04.13		
A NEW ISSUE				CP	03.06.23		
REV. DE			DESCRIPTION	BY	DATE		
DESIG	DESIGN RP		DART AEROSPACE LTD				
DRAW	N	RP.	HAWKESBURY, ONTAF				
CHECK	ŒD	A.P.	DRAWING NO.	REV. E			
MFG. APPR.		13 n	↑D3195	SHEET 1 OF			
APPROVED		W	TITLE		SCALE		
DE APPR.		dl-	BRACKET		NTS		

D

8

NOTES:
1) MATERIAL: N/A
2) FINISH: N/A
2) FINISH: N/A
3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
4) UNITS: INCHES UNLESS OTHERWISE NOTED
5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
6) IDENTIFICATION: IDENTIFY WITH DART P/N "D3195-04X" AND BATCH NUMBER "BXXXXX" PER QSI044 METHOD 6.1
7) WEIGHT: D3195-041: 0.15 lbs

8) BOND PAD TO BRACKET USING 3M SCOTCH-WELD HIGH PERFORMANCE 1300/1300L (OR EQUIVALENT)

DATE

12.04.13

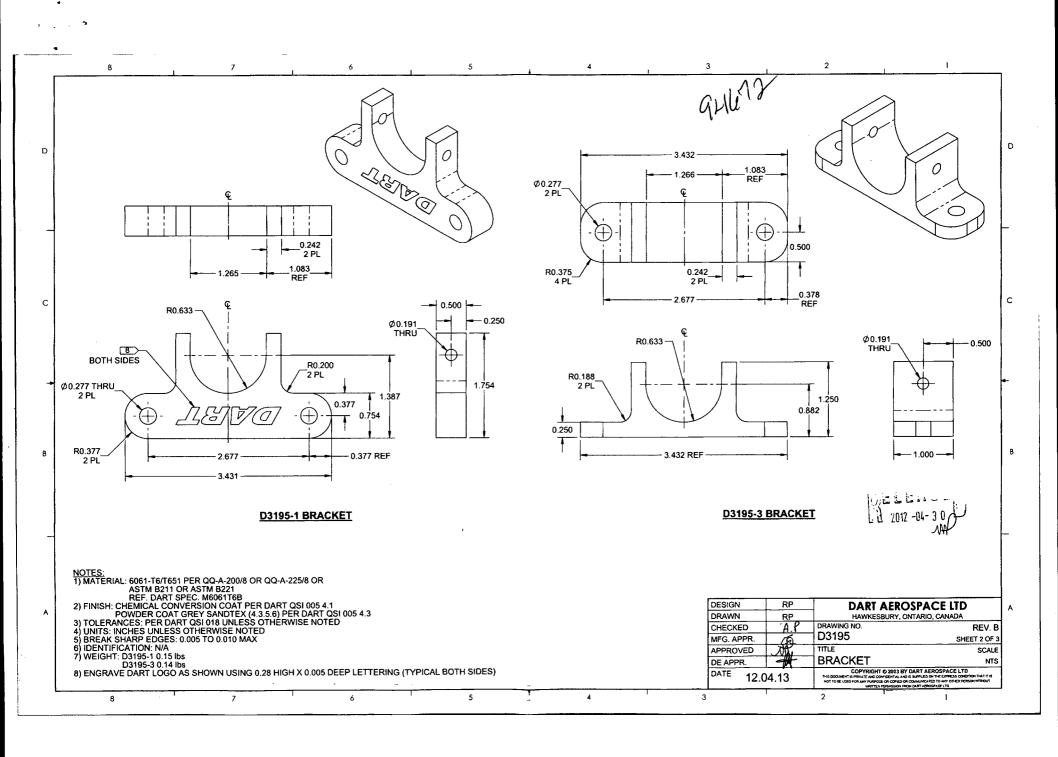
6

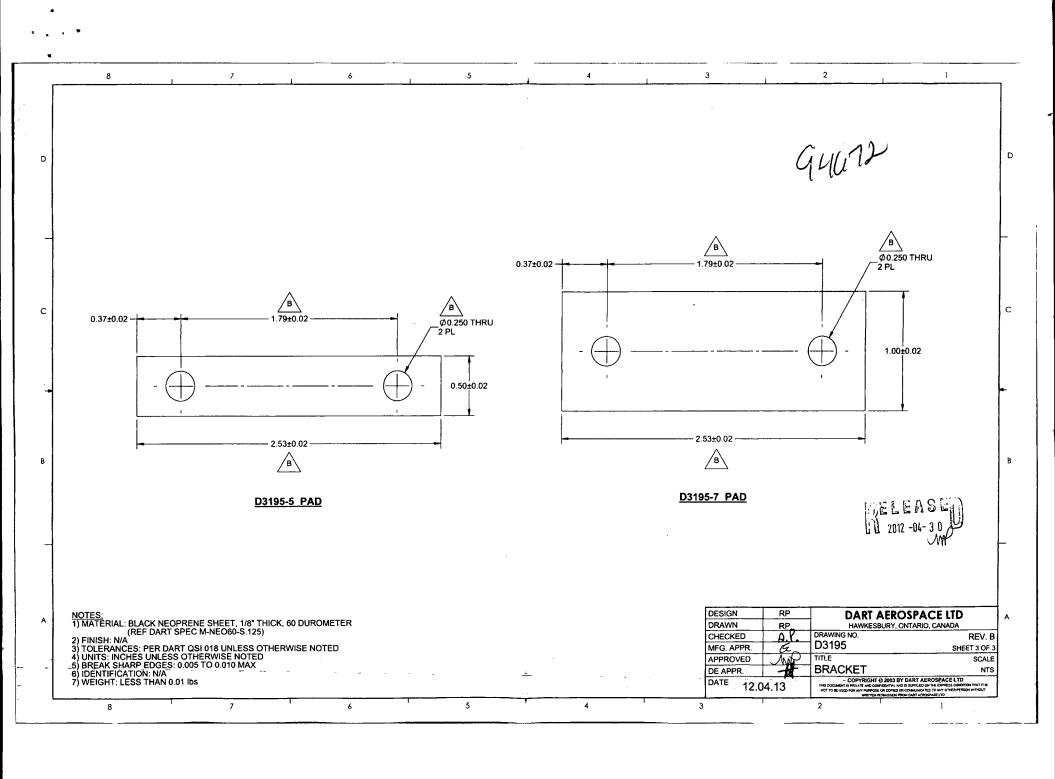
5

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С







Dart Aerospace Ltd. 1270 Aberdeen Street Hawkesbury, ON K6A 1K7

Tel: 613 632 9577 Fax: 613 632 1053

PURCHASE ORDER

Purchase Order ID PO18706

Purchase Order Date 1/04/13 PO Print Date 1/07/13

Page Number 1 of 1

Order From:

VC-ACR001

ACR GROUP INC. 12771 - NO. 5 ROAD RICHMOND, BC V7A 4E9 CA

Contact Name

Vendor Phone

604 274 9955

Vendor Fax

604 274 1013

Vendor Account Nbr

Buyer

Chantal Lavoie

Requisition Nbr

Tax Resale Nbr Terms

10127-2607 Net 30

Currency

CAD

FOB

Destination-Collect

Ship To:

DART AEROSPACE LTD

1270 ABERDEEN

HAWKESBURY, ON K6A 1K7

CANADA



Line Nbr	Reference Revision ID Vendor Part Number	Description/ Mfg ID	Req Date/ Taxable	Req Qty/ Unit of Measure	Ship Method	Unit Price	Extended Price
1 11	0750003	RUBBER EXTRUSION	1/16/13 Yes	500.00 Each	Day & Ross coll	\$3.5000	\$1,750.00
	·	Special Inst:	AS PER DWG B94725	D2732 REV. B			
2 M	NEO80S,125	NEOPRENE SHEET 0.125	1/16/13 Yes	500.00 sf		\$2.1000	\$1,050.00
		Special Inst:	B04539	3 D3595 REV. A MNEO 80 SHEET .	125"		
3 / [93195P	Neoprene 1/8" thick	1/16/13 Yes	100.00 Each	Day & Ross coll	\$1.2500	\$125.00
		Special Inst:	AS PER DWO B94672	G D3195 REV. A			
•	JEHTIF DONDE	CATION (MATERIAL:	MNEO 60 SHEET) Total:	\$2,925.00

Change Date: 1/07/13

No substitution or deviation without consent.

Certificate of Conformity of Material NO Certification required {YES

Change Nbr:

3



www.acrgroup.ca

12771 No. 5 Road Richmond, B.C. Canada V7A 4E9

Fax: 604-274-1013

Tel: 604-274-9955

PACKING SLIP

00145571

CUSTOMER COPY

CUSTOMER NO. Toll Free: 1-888-478-2237

10750

PST# OOP

S DART AEROSPACE LTD O 127Ø ABERDEEN STREET
L HAWKESBURY, ON K6A 1 HAWKESBURY, ON KGA 1K7 Canada T O

S DART AEROSPACE LTD H 1270 ABERDEEN STREET HAWKESBURY, ON KGA 1K7 Canada T 0

			SHIP VIA	DAVE DAVE		FERMS	
DATE	/ 12 DA	Y / R	oss	ACR GROUP INC. NET 30 DAYS		SALES	PERSON
2/97 PURC 1879	HASE ORDER N		Ø 1 / Ø 4 / 1 3	ØØ145571		KRIS	AMO
-	QUANTITY		ITEM NUMBER	DESCRIPTION	UNIT	UNIT PRICE	
SØØ	590	B.O	110750003	EXTRUSION, DIE # 621 , A1Ø6 AS/DWG.	F T		
500	200	i	NE08Ø-Ø2.	NEO80-1/8" SMOOTH BOTH SIDES RS:4'X50' LBS/SQFT:	SF		
			Backorder to SUPPLIED AS SUPPLY 1PC -	order# ØØ1459Ø4 FOLLOWS: 4' X 50'			
100	100		NE060-02	NEO 60-1/8 RS:4'X100' LBS/SQFT:.97 4' X 25'	SF		
				JAME, 46			
				SUBTOTAL HST			
- R!	E GHT :	Colle	ct	TOTAL AMOUNT			





12771 No. 5 Road Richmond, B.C. V7A 4E9

Canada

Telephone: (604) 274-9955

Fax: (604) 274-1013

CERTIFICATE OF COMPLIANCE

		Date:	02/12/2013
Customer:	Dart Aerospace LTD		
Customer P.O. #	18706		
Specification:	N/A		
Customer Ref.#/	Stock # : N/A	Serial # :	N/A
ACR W.O. # :	14557101	/Item # :	NEO60 - 02
Item Description:	NEO 60 - 1/8" Thick		
ACR Compound :	NEO 60		
Date Shipped:	February 12, 2013		
Carrier:	· · · · · · · · · · · · · · · · · · ·	B/L:	

This Certifies that to the best of our knowledge the material delivered under this contract is in accordance with the terms of the contract, and with ACR Group quality standards.

Michael Reilander

(ACR GROUP INC. REPRESENTATIVE)